



04-05-07

COJC  
LOTT & FRIEDLAND

INTELLECTUAL PROPERTY

Please Reply to Fort Lauderdale Office

April 4, 2007

Via Express Mail - Label No. EV 901632119 US

Attn.: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent No. 7,197,357  
(U.S. Application Serial No. 09/998,733)  
Title: WIRELESS ECG SYSTEM  
Inventors: Istvan, et al.  
Attorney Docket No.: 07083-1-007200

**Certificate**

APR 09 2007

**of Correction**

Dear Sir:

As attorneys of record in connection with the above-referenced application, we are in receipt of the original patent that issued on March 27, 2007.

We have noted an error which was made by the U.S. Patent and Trademark Office in the spelling of the Assignee's name on page 1 of the patent, a copy of which is attached. The Assignee's name is incorrectly spelled as "Life Sync Corporation" (there should not be a space between "Life" and "Sync.") The correct spelling of the Assignee's name is "**LifeSync Corporation**," as it appears on the attached copy of Part B of the Fee Transmittal previously submitted by our office.

Please forward a Certificate of Correction to our office correcting the name of the Assignee as requested above. If you have any questions, please do not hesitate to contact me.

Thank you for your attention to this matter.

Very truly yours,

**LOTT & FRIEDLAND**

By:   
Michael J. Keller

MJK:cm  
Enclosures  
cc: Jeffrey L. Raney, Esq., LifeSync Corporation

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APR 10 2007



(12) **United States Patent**  
Istvan et al.

(10) **Patent No.:** US 7,197,357 B2  
(45) **Date of Patent:** Mar. 27, 2007

(54) **WIRELESS ECG SYSTEM**

3,199,508 A 8/1965 Roth  
3,495,584 A 2/1970 Schwalm

(75) **Inventors:** Rud Istvan, Fort Lauderdale, FL (US); Bill Gregory, Fort Lauderdale, FL (US); Kenneth Solovay, Weston, FL (US); David Paul Chastain, Acton, MA (US); John David Gundlach, Acton, MA (US); Nicholas C. Hopman, Lake Zurich, IL (US); Daniel L. Williams, Norwell, MA (US); Franco Lodato, Weston, FL (US); Michael Salem, Ft. Lauderdale, FL (US)

(Continued)

**FOREIGN PATENT DOCUMENTS**

DE	1805444	5/1970
DE	2535858	2/1976
DE	3732714	4/1989

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**OTHER PUBLICATIONS**

Kimmich, H.P., "Clinical Telemetry and Patient Monitoring", *Biotelemetry II: Proceedings of the Second International Symposium on Biotelemetry*, 1974, pp. 190-195, Switzerland.

Zerzawy, R., "Simultaneous Wireless Telemetry for Several Biologic Measurements. Technics and Application of a New 4-Channel Telemetry", periodical—*Z Kreislaufforsch*, Feb. 1971, pp 162-169, vol. 60 part 2.

Retzke, F., "Experience with a Mobile Monitoring System for Fetal and Neonatal Cardiotachometry", periodical—*Zentralbl Gynakol*, 1984, pp 545-549, vol. 106.

Van Rijn, A.C.M., "Modelling of Biopotential Recordings and Its Implications for Instrumentation Design", doctoral thesis—available from the National Technical Information Service, Springfield, VA., Nov. 8, 1993, 153 pages.

(Continued)

**Primary Examiner—George Manuel**

**Assistant Examiner—Dana D. Greene**

(74) **Attorney, Agent, or Firm—Lott & Friedland, P.A.**

(57) **ABSTRACT**

A cardiac monitoring system and, more particularly, a wireless electrocardiograph (ECG) system. The present invention detects electrical signals from a patient's heart and transmits the signals digitally to a remote base station via telemetry. The base station converts the digital signals back to an analog electrical signals that can be read by an ECG monitor.

(73) **Assignee:** Life Sync Corporation, Fort Lauderdale, FL (US)

(\*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 09/998,733

(22) **Filed:** Nov. 30, 2001

(65) **Prior Publication Data**

US 2003/0105403 A1 Jun. 5, 2003

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 09/908,509, filed on Jul. 17, 2001, now Pat. No. 6,511,705.

(51) **Int. Cl.**  
**A61B 5/04** (2006.01)

(52) **U.S. CL** ..... 600/509

(58) **Field of Classification Search** ..... 600/509, 600/512, 301, 372, 382, 386-391, 393, 523, 128/903

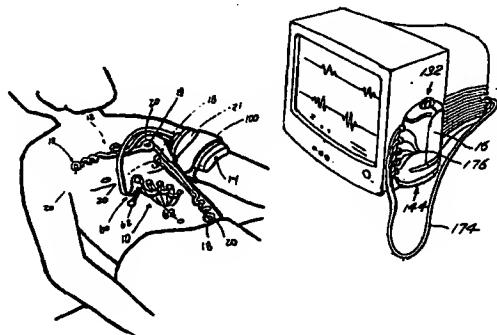
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,958,781 A 11/1960 Marchal et al.

25 Claims, 13 Drawing Sheets



APR 10 2007

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

**Lott & Friedland, P.A.**  
**One East Broward Blvd., Suite 1609**  
**Fort Lauderdale, FL 33301**

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Catherine Metzger	(Depositor's name)
<i>Catherine Metzger</i>	
(Signature)	
November 28, 2006	
(Date)	

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/998,733	11/30/2001	Rud Istvan	07083-1-007200	7816

TITLE OF INVENTION: **WIRELESS ECG SYSTEM**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
Nonprovisional	NO	\$1400	\$300		\$1700	8/22/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS			
Greene, Dana D.		3762	600-509000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. (copy) filed 3/1/05
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Lott & Friedland, P.A.

2 Michael J. Keller

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**LifeSync Corporation**

**Fort Lauderdale, Florida**

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

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- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature Michael J. Keller

Date November 28, 2006

Typed or printed name MICHAEL J. KELLER

Registration No. 38,201

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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